Quality MADE IN Germany

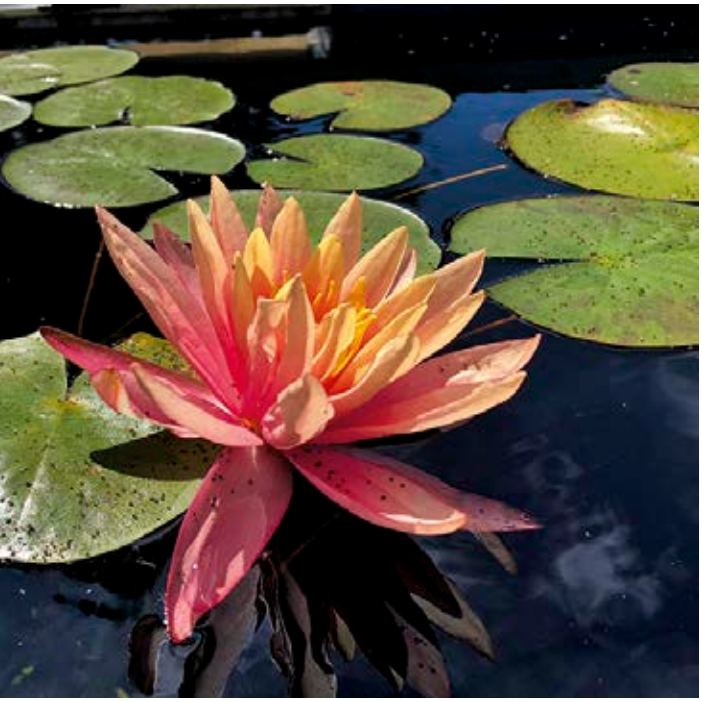
2022/23

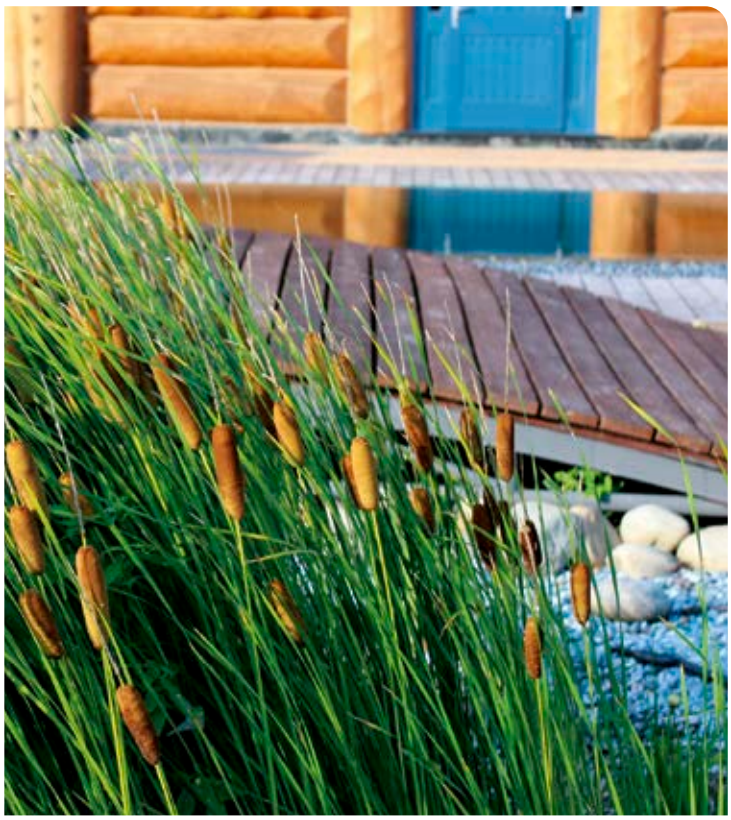
PRODUCT CATALOG

natural pool
swimming pond
pond construction

www.elbtal-plastics.com

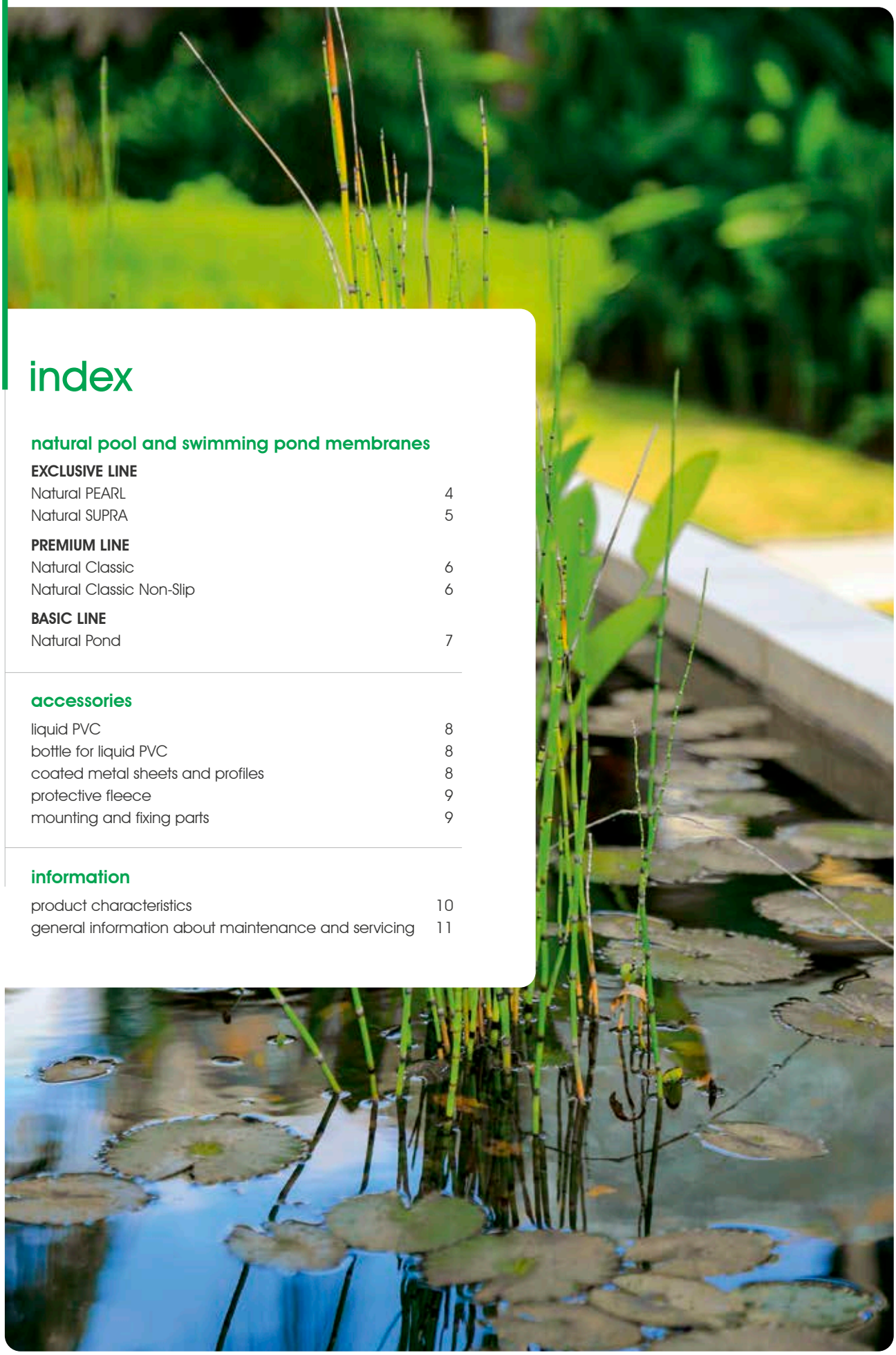
ELBE®
NATURAL SURFACE | MADE IN GERMANY





ELBE Natural Surface®

Beauty, in a natural way



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natural pool and swimming pond membranes

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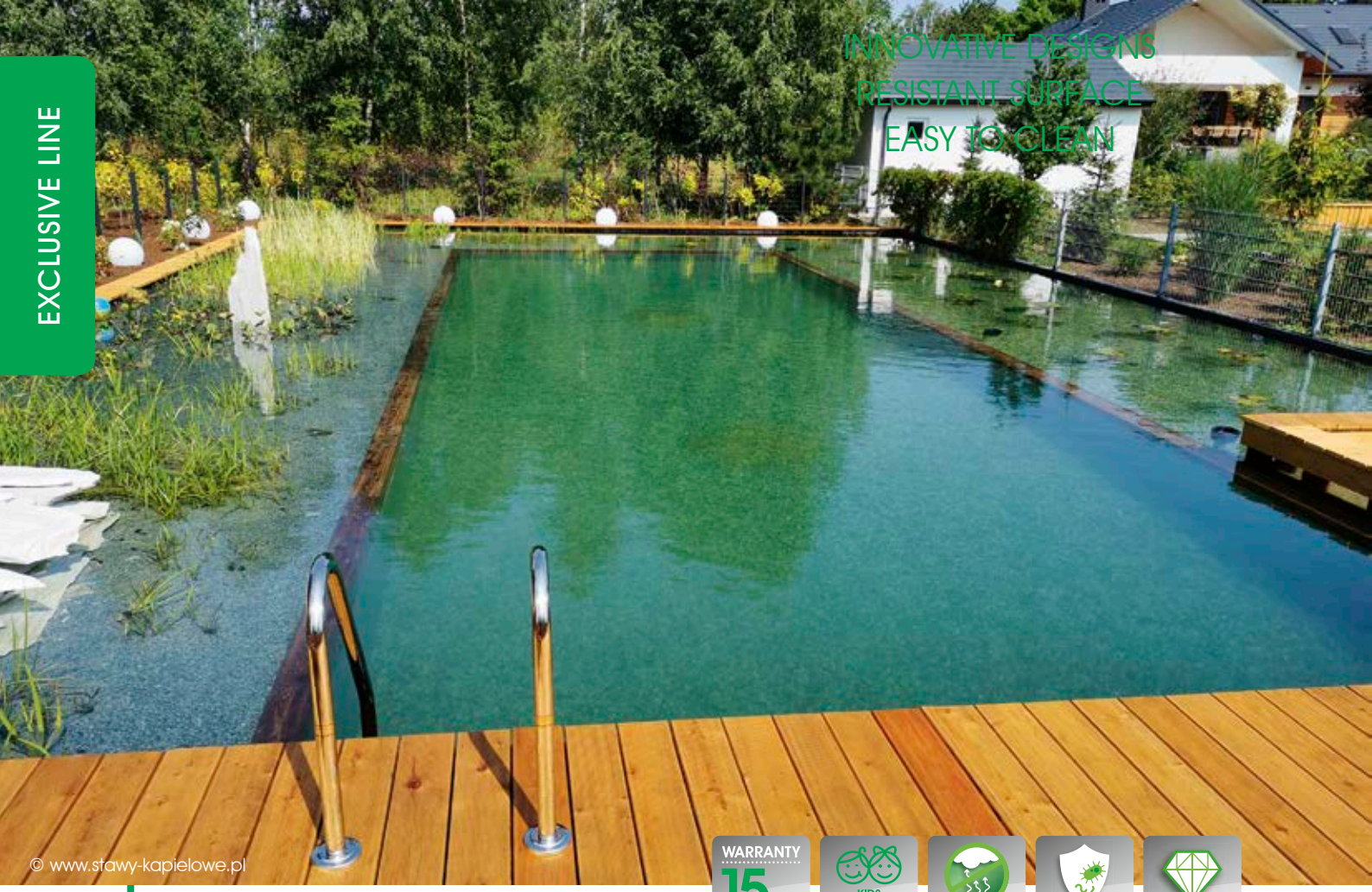
EXCLUSIVE LINE



WARRANTY 15 YEARS WATERTIGHTNESS | KIDS FRIENDLY EN 71-3 | LOWEST FUME EMISSION | LESS BIOFILM | AMAZING PEARLESCENT EFFECT

Natural PEARL

reinforced membrane for swimming pools with unique reflections and special coated surface

Natural PEARL swimming pond membranes are the most efficient in their class: whether it is a biological pool, a swimming pond or a natural pool, the Natural PEARL membrane is perfectly suited for use in natural waters and offers a unique bathing experience immersed in nature. Thanks to their extraordinary reflective properties, Natural PEARL swimming pond membranes offer a natural shine. Thanks to a specific surface treatment, the Natural PEARL range is particularly easy to clean. Biofilm removal is easy. The Natural PEARL membrane not only impresses with its natural appearance: it also ensures high UV resistance, slowing down the premature aging of the membrane. And the ease of installation perfectly complements the exceptional properties of this reinforced membrane.

unique reflection effect | UV stabilized | biocide-free | easy to clean | easy to weld | reinforced

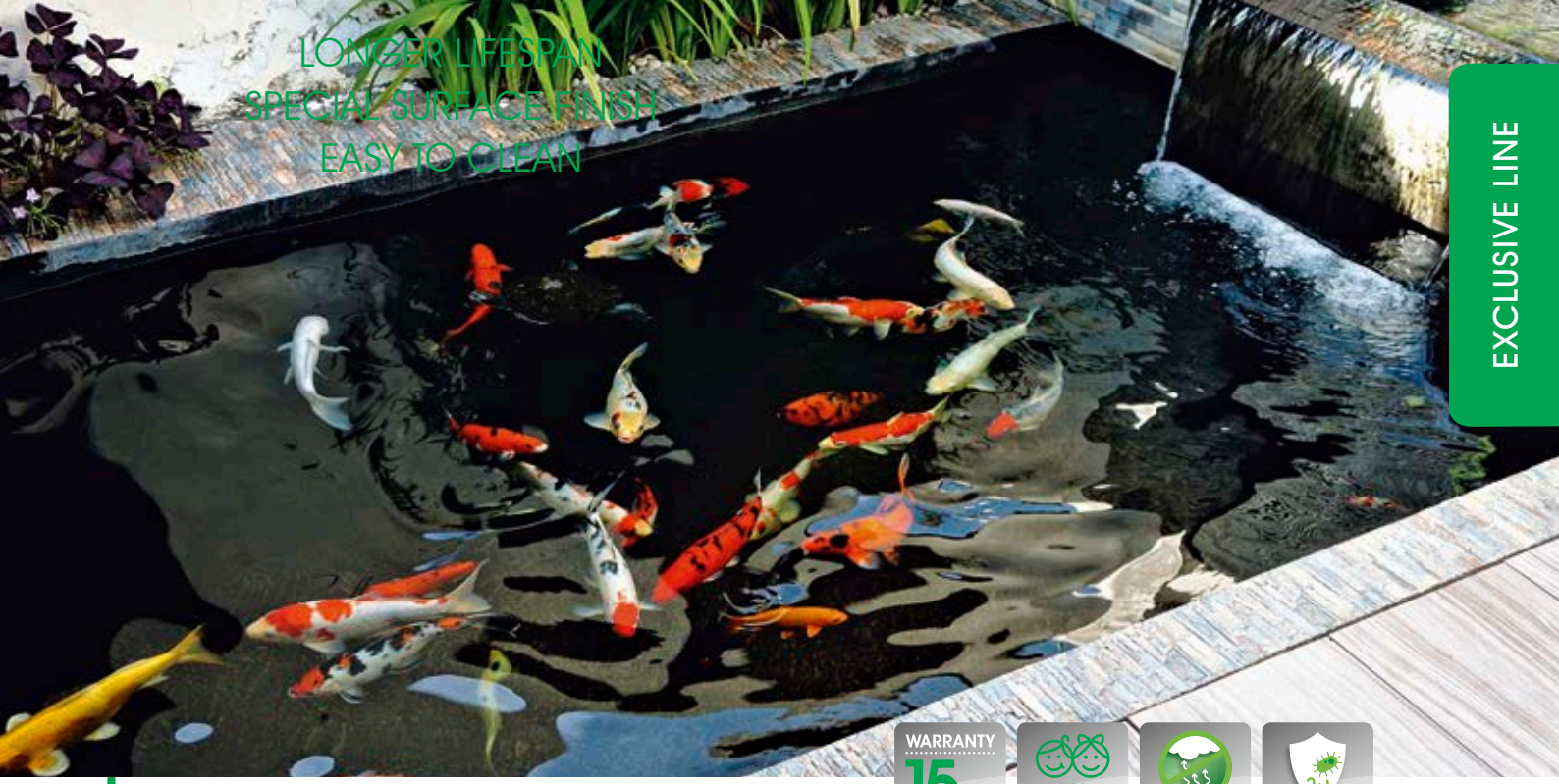
thickness **1.6 mm** roll length **25 m** width **1.65 m** package **8 rolls per pallet**

Dark Green
ref. no. 2001141

Slate Grey
ref. no. 2001140

Available on stock.

Note: Our membranes for natural pools and swimming ponds are exclusively designed for the waterproofing of pools operating without a chlorine disinfection system.



EXCLUSIVE LINE

WARRANTY 15 YEARS WATERTIGHTNESS | KIDS FRIENDLY EN 71-3 | LOWEST FUME EMISSION | LESS BIOFILM

Natural SUPRA

reinforced membrane with special coated surface

Natural SUPRA reinforced membrane guarantees the pleasure of an authentic swim in the middle of nature. This membrane has a special treatment that is easy to clean, and its specific surface finish protects against premature aging, thus increasing its lifespan.

UV stabilized | biocide-free | easy to weld | easy to clean | reinforced

thickness **1.5 mm** roll length **25 m** width **2.00 m** package **8 rolls per pallet**

Dark Green
ref. no. 2001139

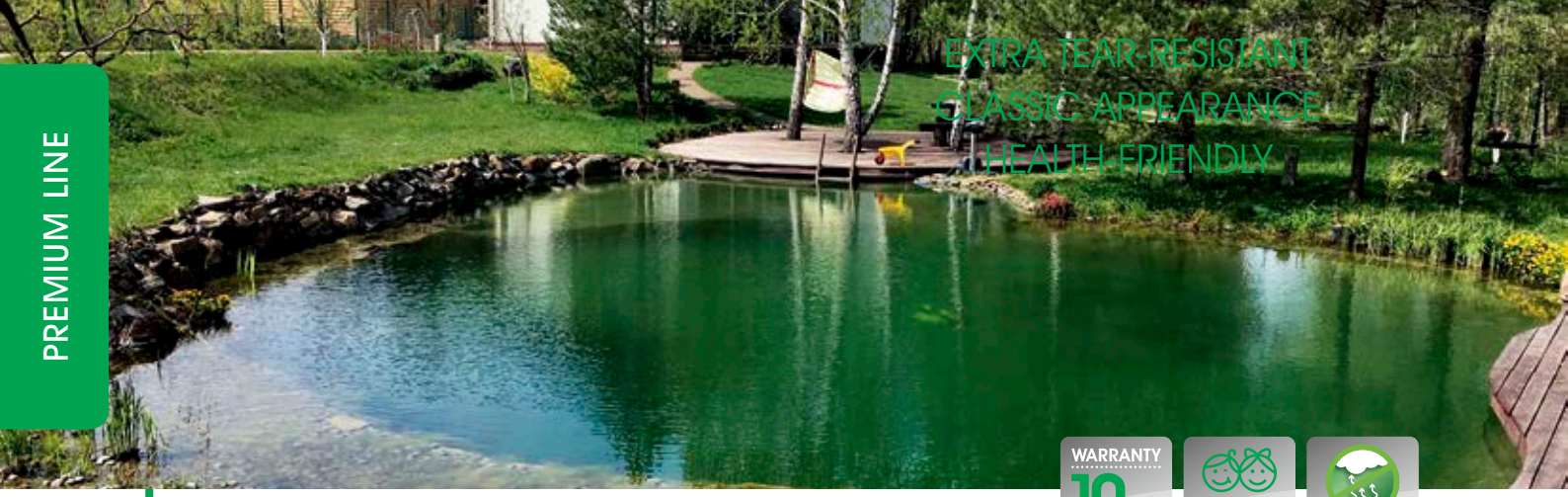
Slate Grey
ref. no. 2001137

Light Grey
ref. no. 2001264

Sand
ref. no. 2001209

Available on stock.

Note: Our membranes for natural pools and swimming ponds are exclusively designed for the waterproofing of pools operating without a chlorine disinfection system.



WARRANTY 10 YEARS WATERTIGHTNESS | KIDS FRIENDLY EN 71-3 | LOWEST FUME EMISSION

Natural Classic

reinforced pond membrane

Natural Classic is a reinforced membrane for coating swimming ponds or natural pools. This waterproofing membrane is particularly resistant to external influences and has an exceptional longevity. This reinforced membrane, tested according to EN 71-3 consists of ultra-pure raw materials, as well as Natural PEARL and Natural SUPRA, which are among the most health-friendly membranes on the natural swimming pool market. Natural Classic also stands out from a sanitary point of view, unlike other competing products, since it emits the lowest level of fume emission during welding, thus preserving the health of installers.

UV stabilized | biocide-free | easy to weld | easy to clean | reinforced

thickness **1.5 mm** roll length **25 m** width **2.00 m** package **12 rolls per pallet**

Green/Black
ref. no. 2000366

Available on stock.

Natural Classic Non-Slip

WARRANTY 10 YEARS WATERTIGHTNESS | KIDS FRIENDLY EN 71-3 | LOWEST FUME EMISSION

Non-Slip reinforced membrane

In addition to their exceptional designs, the safety of steps in natural pools and swimming pools is a priority. The Non-Slip Natural Classic reinforced membrane ensures high access security, especially at stairs and various areas around the natural pool. Manufactured in accordance with regulations according to EN 71-3, the non-slip membrane not only offers comfort and a pleasant touch, but also guarantees the utmost safety, whether walking or sitting.

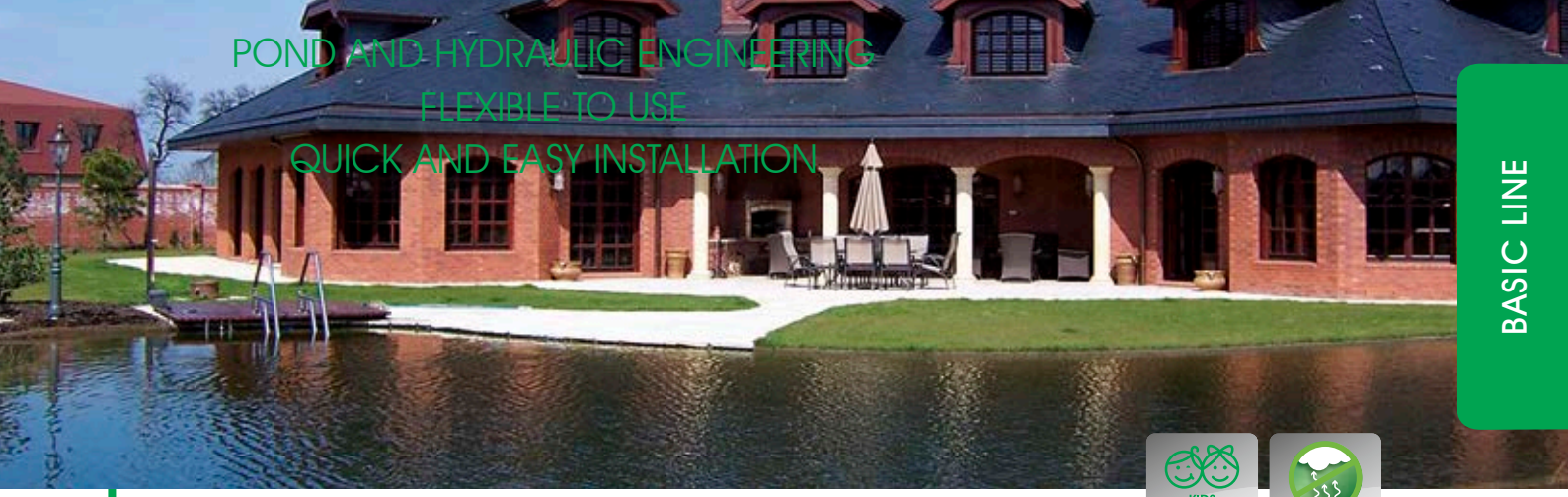
special embossing surface structure | UV stabilized | biocide-free | easy to weld | easy to clean | reinforced

thickness **1.9 mm** roll length **10 m** width **1.65 m** package **15 rolls per pallet**

Green/Black
ref. no. 2000920

*Only available while stocks last.

Note: Our membranes for natural pools and swimming ponds are exclusively designed for the waterproofing of pools operating without a chlorine disinfection system.



BASIC LINE

KIDS FRIENDLY EN 71-3

LOWEST FUME EMISSION

Natural Pond

hydraulic engineering and pond construction – also for filtered ponds and regeneration zones

UV-stabilized and resistant to weather and cold, Natural Pond can be used flexibly in pond and water construction. This swimming pond liner is the perfect solution especially in filtered ponds or when designing regeneration areas. Natural Pond is not reinforced and available in different thicknesses and colors.

UV stabilized | easy to weld | easy to clean | without fabric

roll length **15 / 20 / 30 m** width **2.00 m** packing **16 / 20 / 35 rolls per pallet**

Green

ref. no.	thickness	roll length	package
2001250*	1.5 mm	15 m	16 rolls per pallet

*Available on request.

Anthracite

ref. no.	thickness	roll length	package
2100302	0.5 mm	30 m	35 rolls per pallet
2100303	1.0 mm	20 m	20 rolls per pallet
2100299	1.5 mm	15 m	16 rolls per pallet

Black

ref. no.	thickness	roll length	package
2000608	2.0 mm	15 m	16 rolls per pallet

Available on stock.

Note: Our membranes for natural pools and swimming ponds are exclusively designed for the waterproofing of pools operating without a chlorine disinfection system.

accessories

accessories for professional installation

Our **ELBE Natural Surface®** membranes are ideal for waterproofing natural pools, swimming ponds and natural pools, easy and quick to install on any surface and support. Note, however, the importance of the right accessory during the installation, guaranteeing a perfect result.

ELBE liquid PVC

(Delivery only in full package units.)

content **950 ml per can** package **6 cans per box**

We recommend the application of **ELBE liquid PVC** to ensure sealing and take care of the aesthetic appearance of the weld seam. However, this product does not replace the hot air welding quality of reinforced membranes. It also drastically reduces dirt deposits at the weld seam. It should be noted that all **ELBE liquid PVCs**, with the exception of Green, Dark Green and Slate Grey, contain biocides and can therefore only be limited in their use in natural swimming pools. The viscosity can be improved with the addition of acetone.

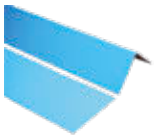
Our liquid PVCs match the colors of our membranes and are recommended as follows:

color	Slate Grey	Dark Green	Green	Light Grey	Sand	Transparent
ref. no.	2100537	2100538	2100215	2100046	2100056	2100055

bottle for liquid PVC

content **500 ml** package **from 1 pc**

ref. no. 2100085



coated metal sheets and profiles

thickness **1.2 mm**

	sheet	sheet*	sheet stainless steel V2A	exterior angle	interior angle	strip
color	Blue	Grey	Blue	Blue	Blue	Blue
dimensions	2000 × 1000 mm	2000 × 1000 mm	2000 × 1000 mm	70 × 30 × 2000 mm	70 × 30 × 2000 mm	70 × 2000 mm
package	1 pallet = 30 pcs 4 pallets = 120 pcs	1 pallet = 30 pcs 4 pallets = 120 pcs	1 pallet = 30 pcs 4 pallets = 120 pcs	10 pcs 500 pcs	10 pcs 500 pcs	10 pcs 500 pcs
ref. no.	2100063	2100078	2100346	2100068	2100067	2100071

* Available on request.

accessories

accessories for professional installation

protective fleece

polyester fleece 300 g/m², 1.5 m × 50 m
DIN 4102 B2 (drillable), white

thickness	1.5 mm
package	6 rolls per pallet
ref. no.	2100358

polyester fleece 300 g/m², 2 m × 50 m
DIN 4102 B2 (drillable), white

thickness	1.5 mm
package	6 rolls per pallet
ref. no.	2100061

fleece adhesive

content	5 kg
package	1 unit
ref. no.	2100397

mounting and fixing parts

fastener rivet short

dimensions	4.8 mm × 20.3 mm
package	12 / 48 packs per box
content	per 200 pcs
ref. no.	2100275

fastener rivet long

dimensions	4.8 mm × 35 mm
package	12 packs per box
content	per 100 pcs
ref. no.	2100382

contact glue Köralit F 143

content	700 g
package	6 pcs per pack
ref. no.	2100042

cold welding agent THF

content	1000 ml
package	6 pcs per pack
ref. no.	2100039

product characteristics

	Natural PEARL	Natural SUPRA	Natural Classic	Natural Pond
PRODUCT FEATURES	NATURAL EXCLUSIVE LINE		NATURAL PREMIUM LINE	NATURAL BASIC LINE
APPLICATIONS				
swimming ponds, natural ponds	✓	✓	✓	
(artifical) ponds and lakes	✓	✓	✓	✓
irrigation basins, fire protection ponds, rainwater retention reservoirs			✓	✓
TECHNICAL FEATURES				
reinforced (high strength and dimensional stability)	✓	✓	✓	
coated surface	✓	✓		
UV stability	✓	✓	✓	✓
cold and weather resistance	✓	✓	✓	✓
Non-Slip			✓	
HEALTH AND ENVIRONMENT				
EN 71-3 – kidsfriendly	✓	✓	✓	✓
non-toxic for fish and plants	✓	✓	✓	
lowest fume emission during welding	+++	+++	+++	++
SURFACE AND CLEANING				
surface easy to clean	+++	+++	+	+
stain resistant	+++	+++	+	
less biofilm	✓	✓		
printed designs	✓			
WARRANTIES				
warranty watertightness	15 years	15 years	10 years	

Note: Our membranes for natural pools and swimming ponds are exclusively designed for the waterproofing of pools operating without a chlorine disinfection system.

General information about maintenance and servicing

- The membranes of natural pools and swimming pools of the **ELBE Natural Surface®** range are suitable for natural water treatment (by filtration for example).
- Regular maintenance preserves water quality (e.g., by sucking leaves and pollen).
- Before entering the pool, it is recommended to remove makeup and take a shower to get rid of any sunscreen (Preservation of the biological balance of the water.).
- Easy and environmentally friendly cleaning without chlorine-based products.
- Cleaning with soft cloths or sponges (do not use hard brushes or pressure washers!).
- Easy winter maintenance (e.g., with the installation of a net tarpaulin to retain the leaves)

More tips for servicing?

You will find further information in our product datasheets.

The proper use and treatment of our products is the responsibility of the installer. For further information, we recommend that you refer to the guidelines of the **"Research Society for Landscape Development and Landscape Construction e.V."**: recommendations and guidelines for the planning, construction, maintenance, and operation of outdoor swimming pools with biologically treated water (natural pools and swimming pools).

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